

REL. ACED. /
ART. 100 MDT

CLAIMS

1. Intervertebral disk prosthesis comprising at least three parts including a first plate, referred to as the upper plate (1), a second plate, referred to as the lower plate (2), and a core (3), the upper surface of the core (3) being in contact with at least part (10) of the lower surface of the upper plate (1) and the lower surface of the core (3) being in contact with at least part of the upper surface of the lower plate (2), and the upper plate (1) being movable at least with respect to the core (3), characterised in that there are cooperation means between the lower plate (2) and the core (3), so as to limit or eliminate translation movements of the core (3) with respect to the lower plate (2) along an axis substantially parallel to the lower plate (2), and to limit or eliminate rotation movements of the core (3) with respect to the lower plate (2), around an axis substantially perpendicular to the lower plate (2), the planes passing through the upper (1) and lower (2) plates forming a substantially constant angle.

15 2. Intervertebral disk prosthesis according to claim 1, characterised in that the lower plate (2) comprises male means cooperating with female means of the core (3).

20 3. Intervertebral disk prosthesis according to claim 1, characterised in that the lower plate (2) comprises female means cooperating with male means of the core (3).

4. Intervertebral disk prosthesis according to any one of claims 1 to 3, characterised in that the angle is obtained in that the core (3) forms an acute angle in the front-rear direction (F).

25 5. Intervertebral disk prosthesis according to claim 4, characterised in that the same plates (1, 2) can be assembled with cores (3) of different thicknesses.